METHOD AND A SYSTEM FOR NAVIGATING AROUND REAL SITE BY CREATING AND ACCESSING DATABASE OF POSITIONAL REALITY IMAGES OF REAL SITE.

5 ## ABSTRACT OF THE DISCLOSURE

A method ans a system for navigating a vehicle around a real site. The method comprises the following steps: (A) creating a database of Positional Reality Images (PRI) that substantially accurately represents the real site, and (B)

10 accessing the database of Positional Reality Images (PRI) that substantially accurately represents the real site in order to navigate a vehicle around said real site. The integrated Positional Reality System (PRS) comprising a positioning system integrated with a plurality of optical systems is used to create the database of Positional Reality Images (PRI) that substantially accurately represents the real

15 site. The PRS utilizes a laser-diode-based optical scanning system if a range between the PRS and a selected real site object comprises a short range distance, and a pulse-type-microlaser-based optical system if a range between the PRS and a selected real site object comprises a short-to-medium range distance.